

ABSTRACT

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The present invention relates to a power transmission striated belt including an elastomeric matrix (21) and a lengthwise supporting structure consisting of polyamide 4.6 twisted strands (20). The supporting structure (21) is selected so that the stress-elongation diagram of the belt exhibits an average slope ranging from 12 to 20 daN/% of elongation per width centimeter. The twisted strands are wound with an almost null nominal tension, and the curing operation and the cooling operation after curing are carried out without any belt tensioning.

Fig. 1